

Fig. 2

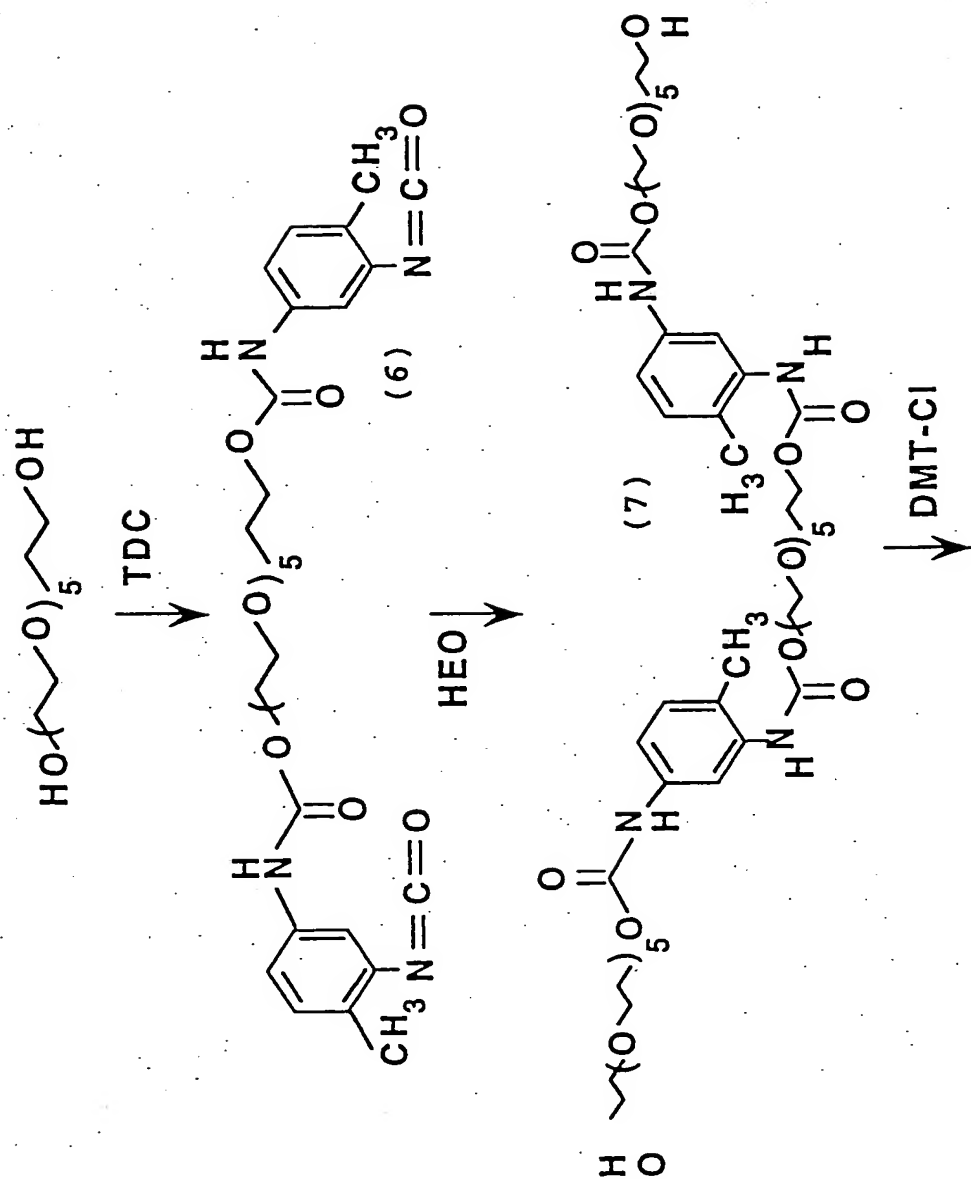


Fig. 3A

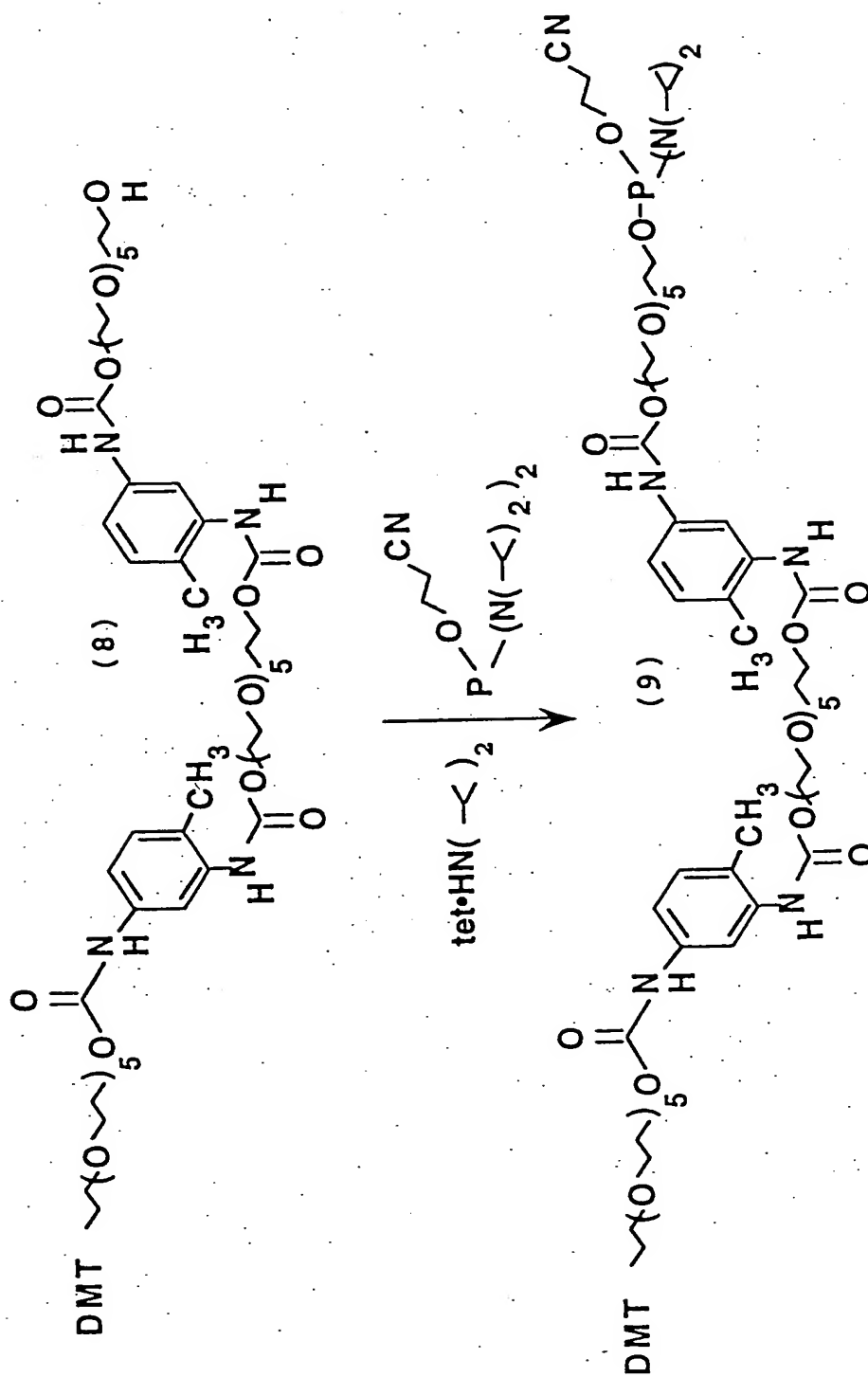
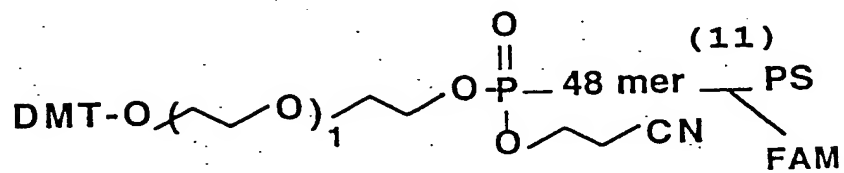
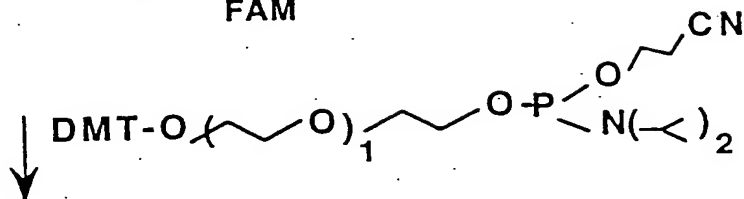


Fig. 3B

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(10)

5'  
GCA CCA TTA AAG AAA ATA TCA TCT TTG GTG  
TTT CCT ATG ATG AAT ATA — PS  
3' FAM



↓ Cleave  
Deprotect

↓ CH<sub>3</sub>CO<sub>2</sub>H

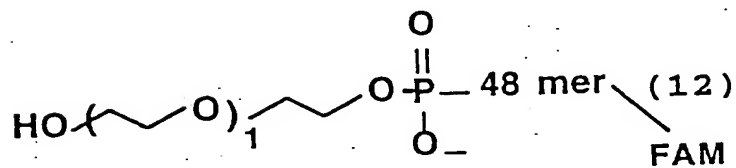


Fig. 4A

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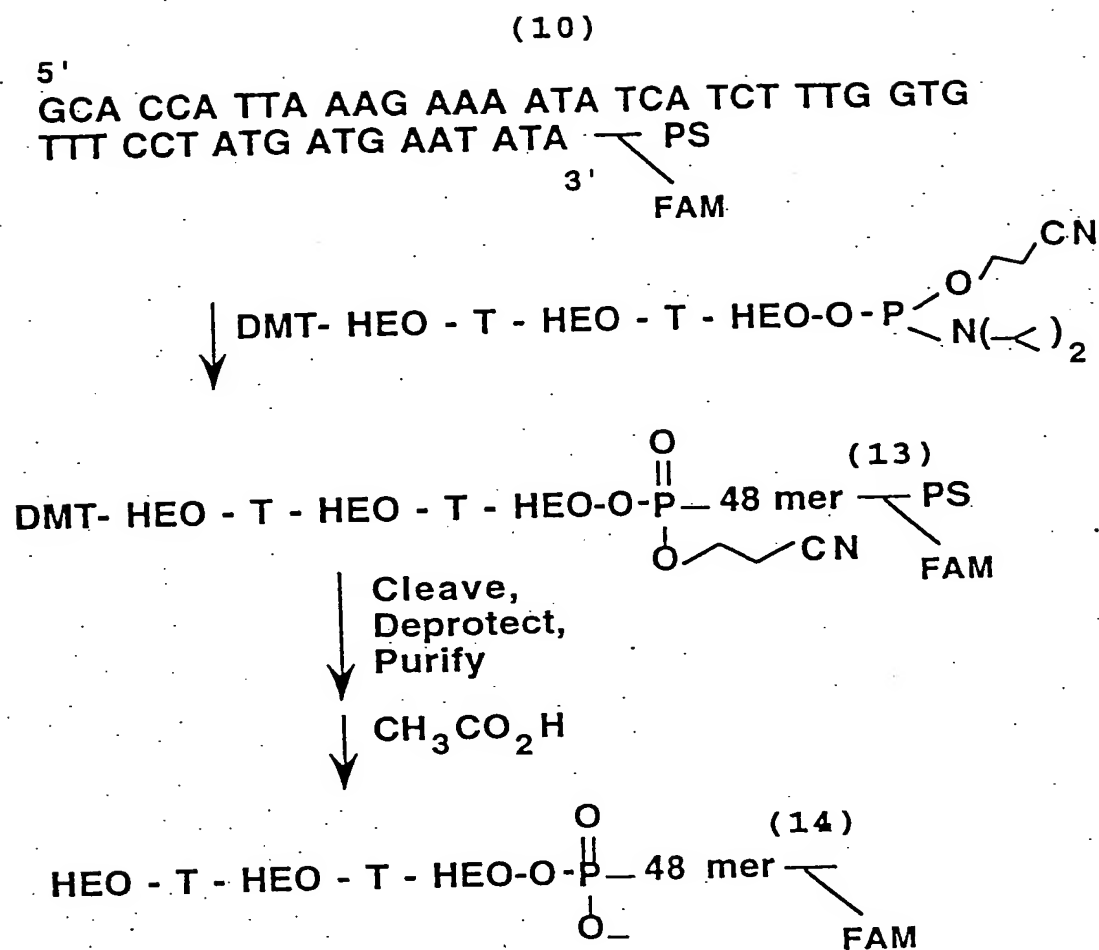


Fig. 4B

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5' (15) 3'  
TTG GTG TTT CCT ATG ATG AAT ATA — LAN-T - CPG

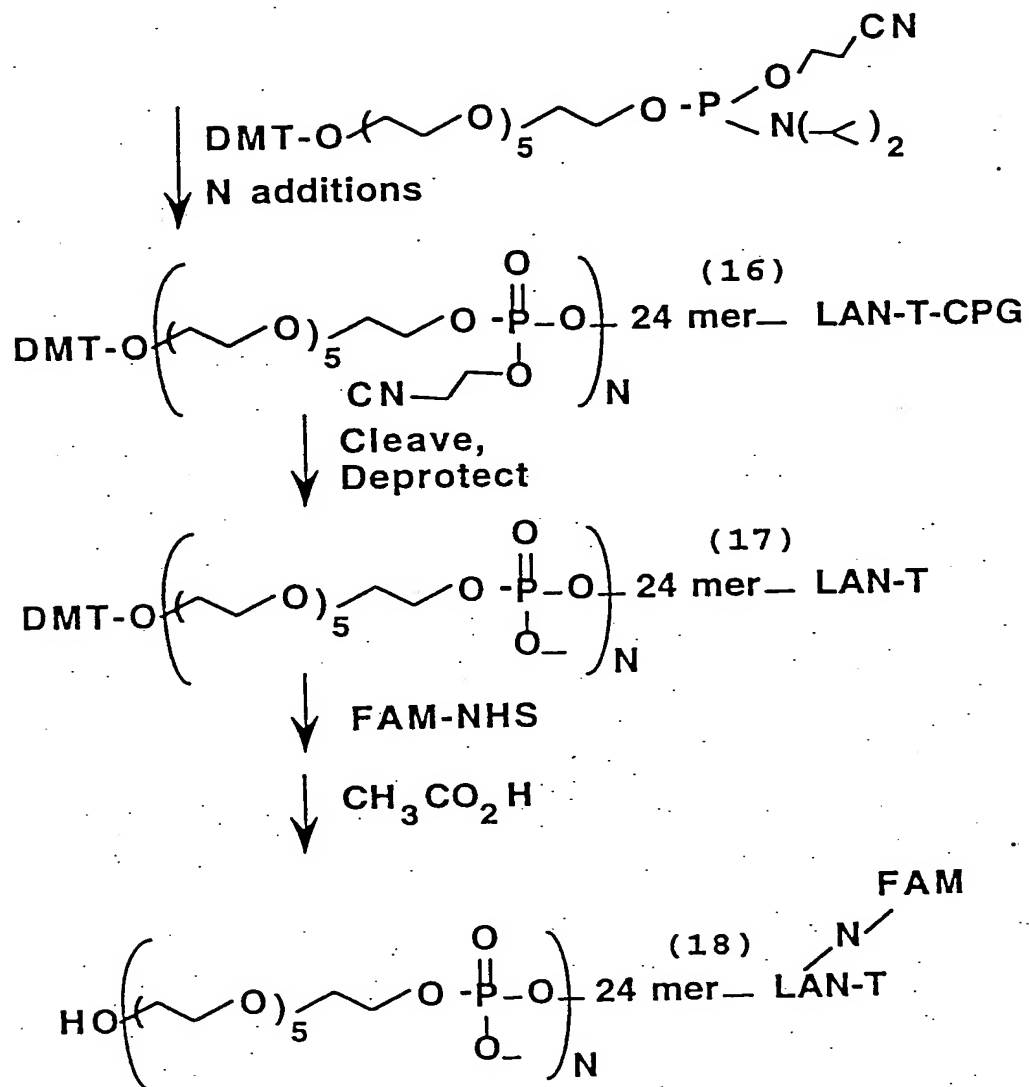


Fig. 5

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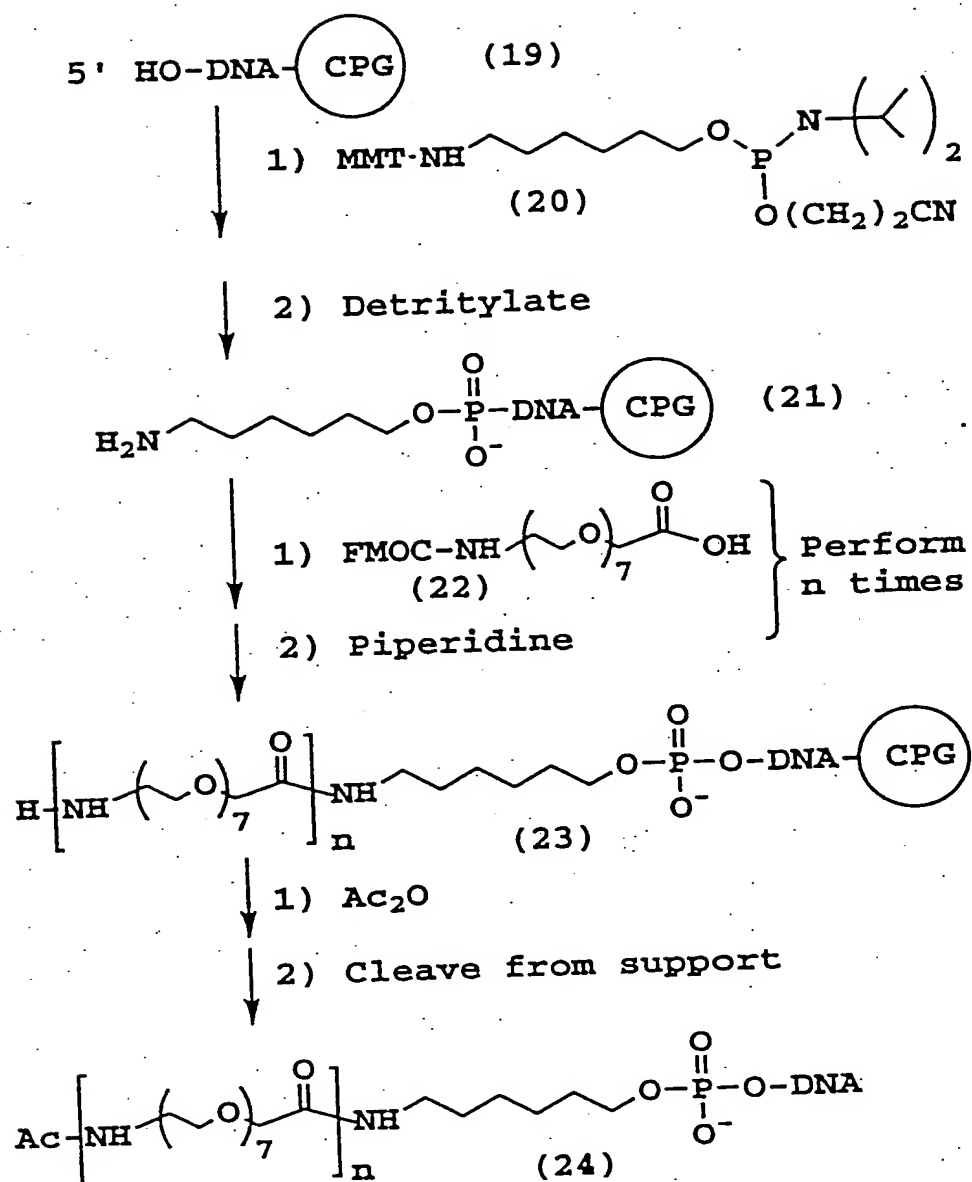


Fig. 6



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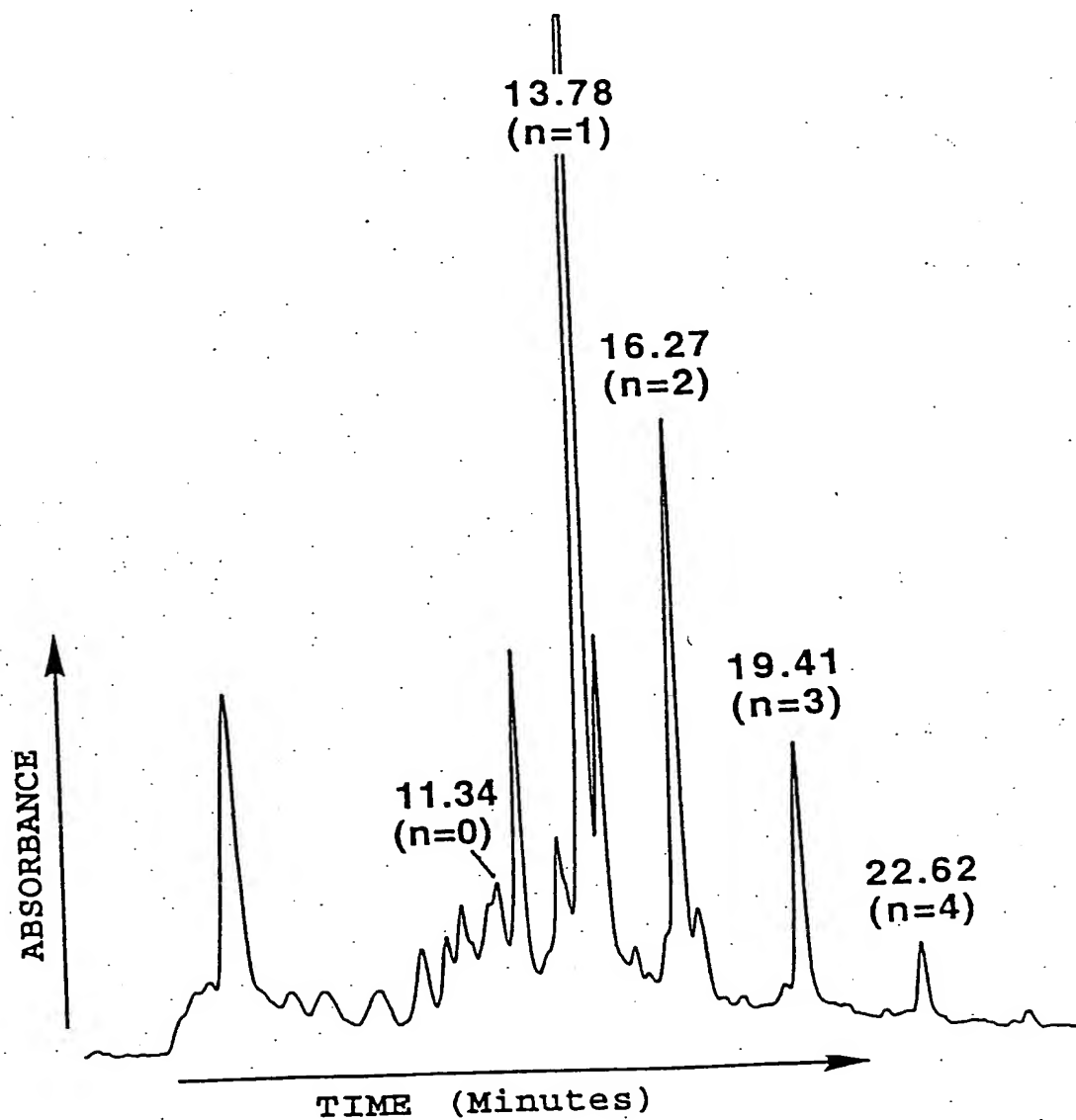
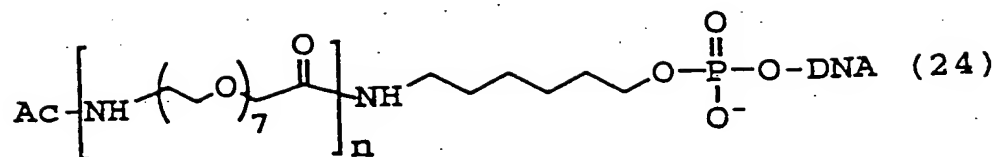


Fig. 7

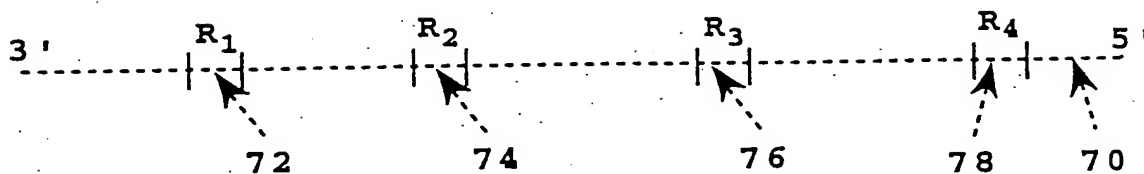


Fig. 8A

↓ PROBE COMPOSITION  
↓ ANNEAL

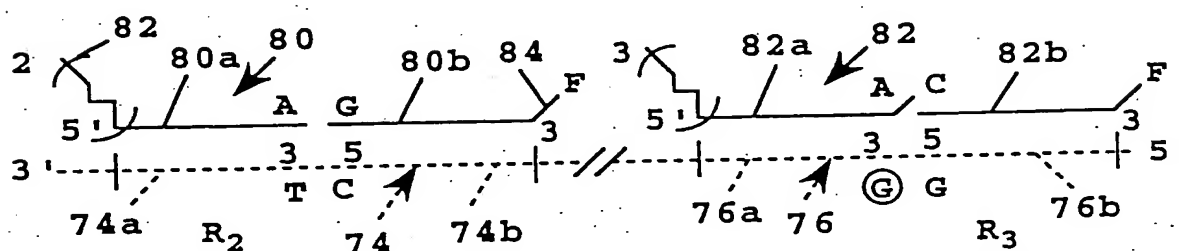


Fig. 8B

↓ LIGAS

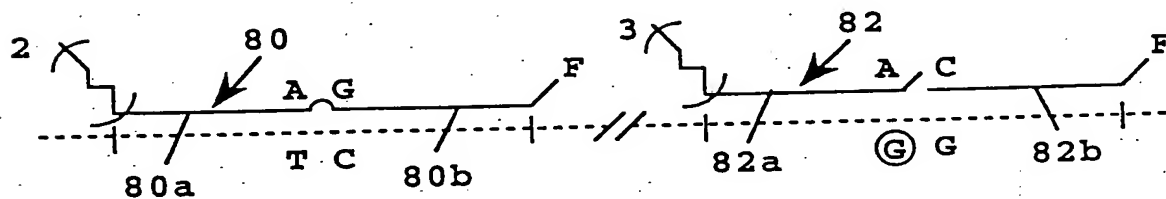


Fig. 8C

↓ DENATURE

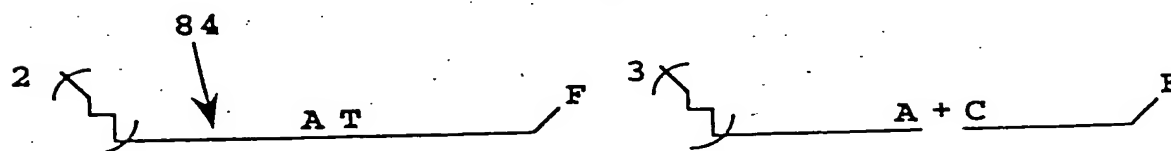


Fig. 8D

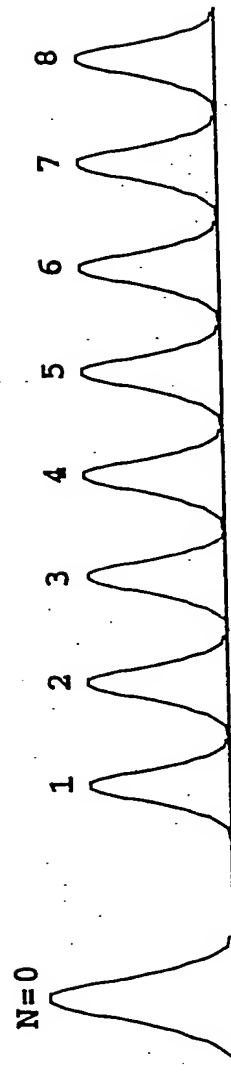


Fig. 9



**LIGATE**

DENATURE, REANNEAL



LIGATE

**DENATURE.**

REPEAT N-2 TIMES

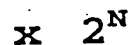
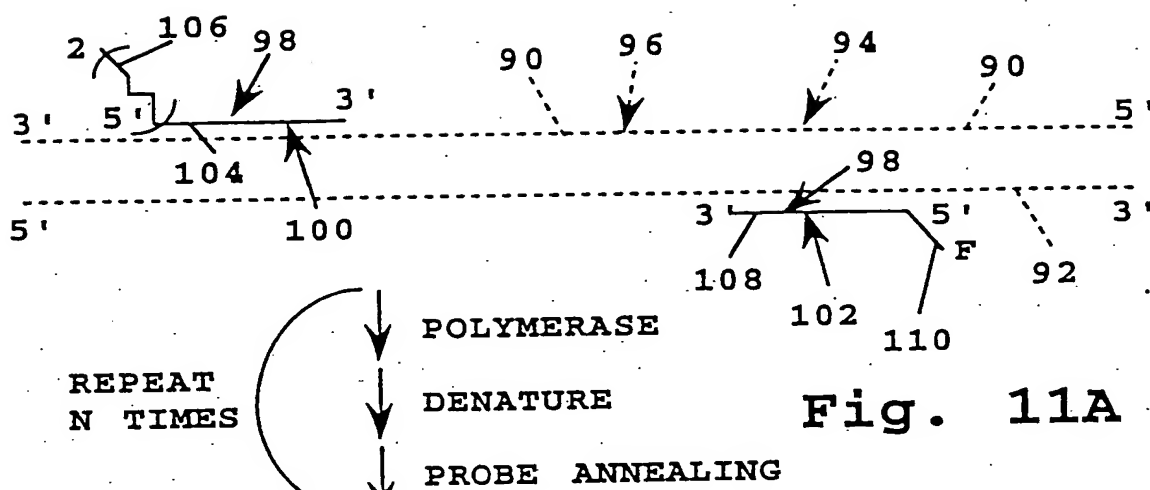
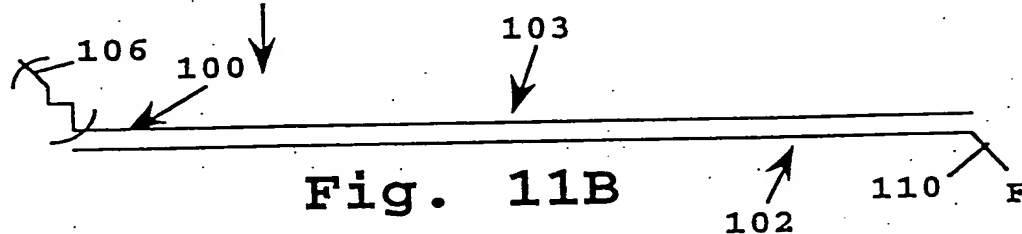


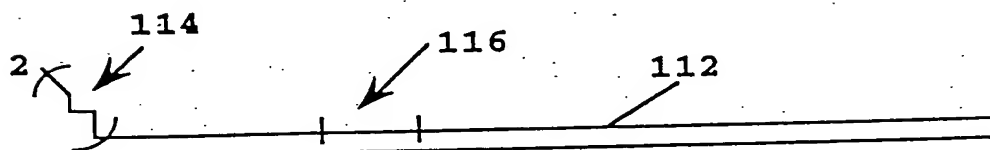
Fig. 10C



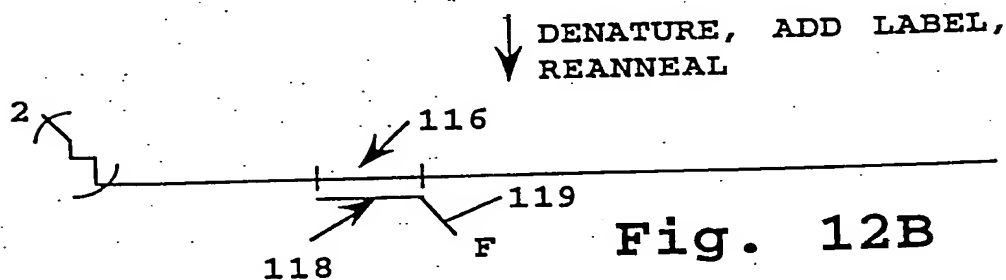
**Fig. 11A**



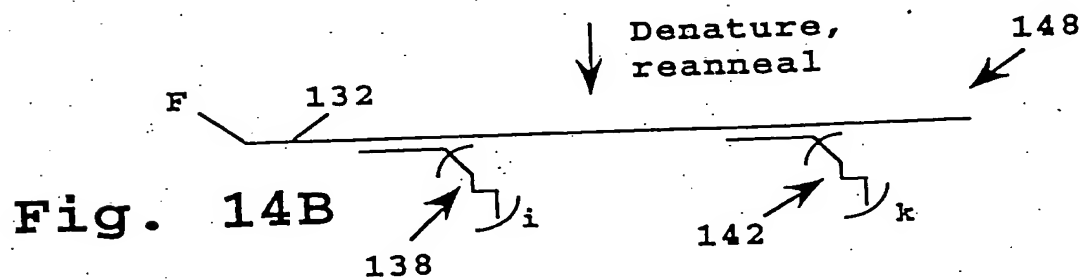
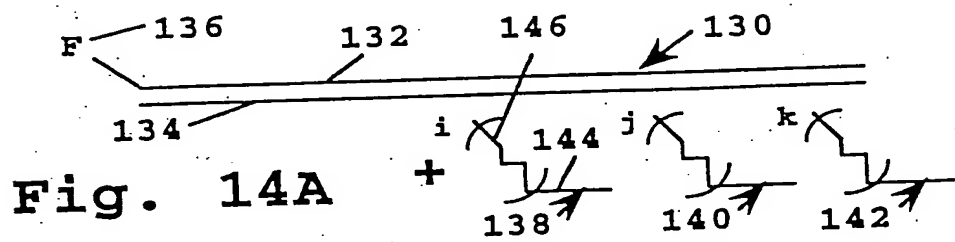
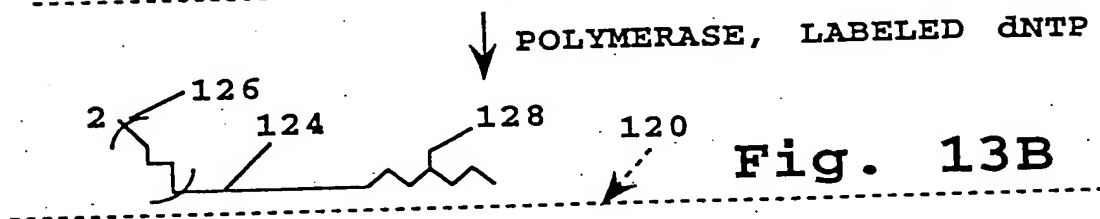
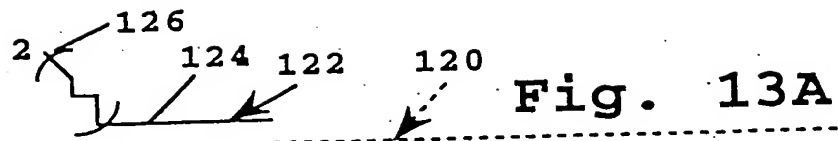
**Fig. 11B**

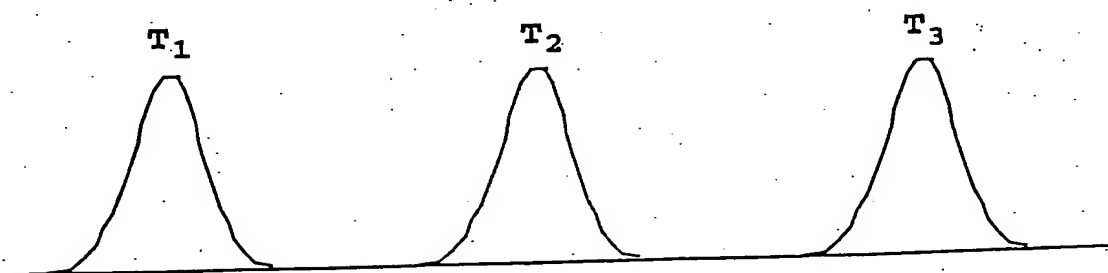
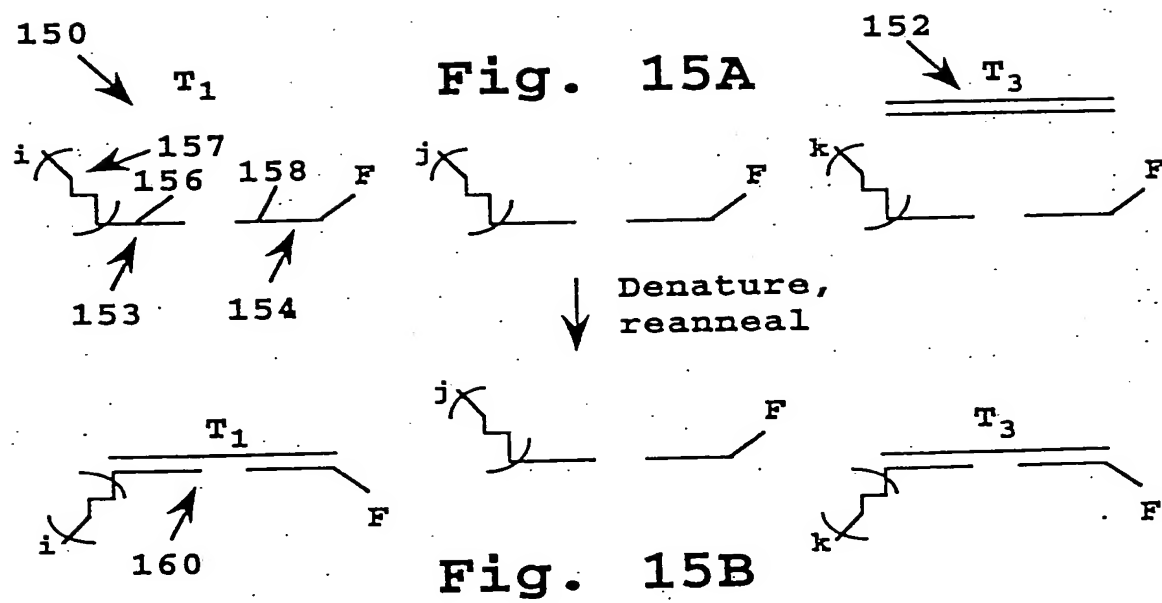


**Fig. 12A**



**Fig. 12B**





**Fig. 15C**

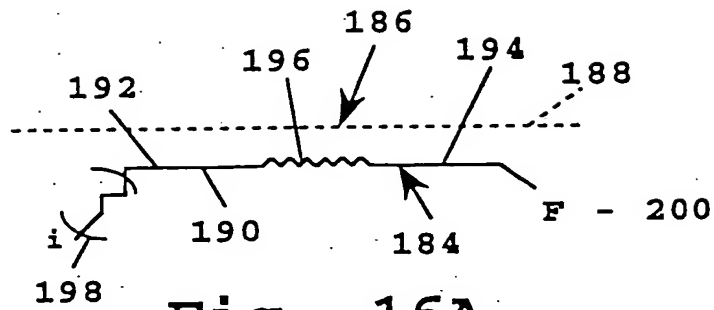


Fig. 16A

RNAase H,  
DENATURE

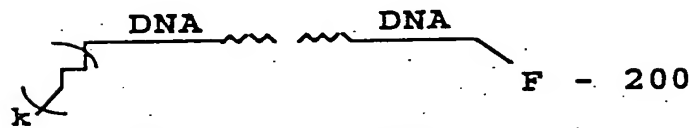


Fig. 16B

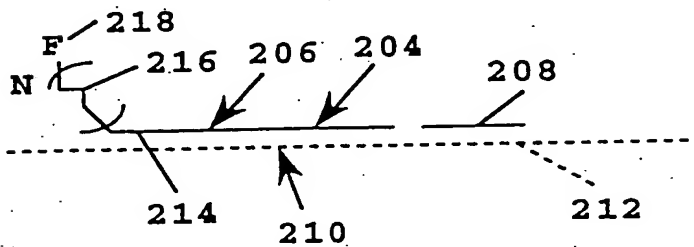


Fig. 17A

LIGATE,  
DENATURE

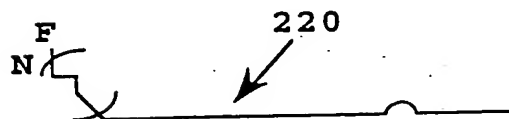
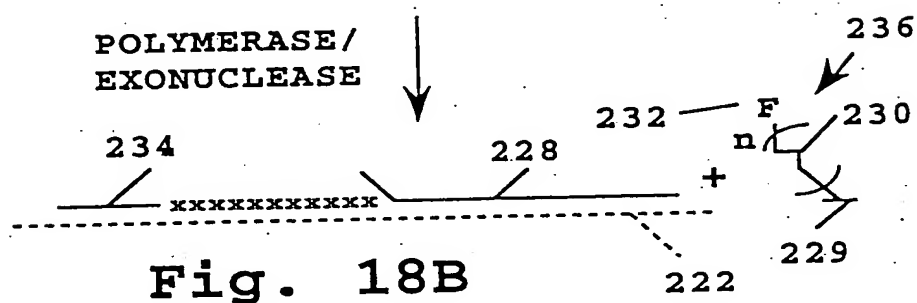
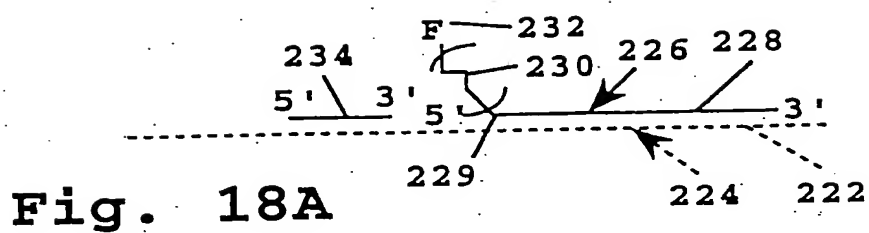
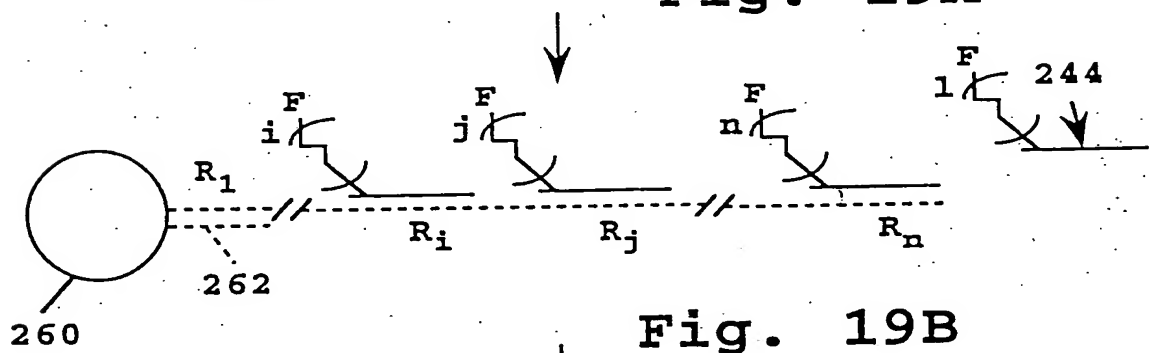
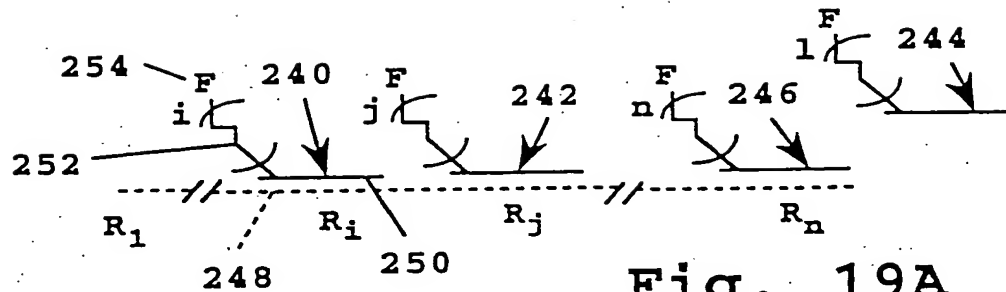


Fig. 17B







WASH, DENATURE

